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Canadian Workplace Hazardous Materials Information System Material Safety Data Sheet

I. PRODUCT IDENTIFICATION

Product Name: PC NOS OCTANE BOOSTER RACING FORMULA 355 ML
Item No: 12012
Product Type: Fuel additive

II. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	LD50/oral/rat	LC50/inhalation/rat	ACGIH; TLV-TWA
KEROSINE (PETROLEUM) 8008-20-6	>60	>5000 mg/kg	>5.28 mg/L/4H	200 mg/m ³
TRICARBONYL(METHYLCYCLOPE NTADIENYL)MANGANESE 12108-13-3	<5	8 mg/kg	76 mg/m ³ /4H	0.2 mg/m ³
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT 64742-47-8	<5	>5 g/kg	>5.2 mg/L/4H	
SOLVENT NAPHTHA (PETROLEUM), HEAVY AROM. 64742-94-5	<5	>5000 mg/kg	>590 mg/m ³ /4H	
STODDARD SOLVENT 8052-41-3	<5	>5 g/kg	>5,500 mg/m ³ /4H	100 ppm

III. PHYSICAL DATA

Physical State/Appearance: Amber liquid
Odour & Odour Threshold: Solvent odour
Specific Gravity: 0.83
Evaporation Rate: <1 (butyl acetate = 1)
Vapour Pressure: Not determined
Vapour Density: Heavier than air
Freezing Point: Not determined
pH: Does not apply
Octanol/Water Coefficient: Not determined
Boiling Point: 100 - 305°C

IV. FIRE AND EXPLOSIVE DATA

Recommended Extinguishing Media: Water fog, carbon dioxide, foam, dry chemical.
Hazardous Combustion Products: Oxides of carbon, Oxides of nitrogen
Sensitivity to Static Discharge: Sensitivity to static discharge is expected; material has a flash point below 50 degrees C.
Conditions of Flammability: Keep containers cool. Containers may explode if heated.
Flash Point/Range: 43°C. Method: PMCC
Autoignition Temperature: Not determined
Upper Explosive Limit: Not determined
Lower Explosive Limit: Not determined

V. REACTIVITY DATA

Conditions Causing Chemical Instability: None
Materials to avoid: Strong oxidizing agents, Acids
Conditions of Reactivity: Avoid excessive heat, sparks and open flame
Hazardous Decomposition Products: Carbon oxides

VI. HAZARDS IDENTIFICATION

Primary Routes of Exposure: Eye and skin contact, ingestion, inhalation
Existing Conditions Aggravated by Exposure: May aggravate preexisting dermatitis

VI. HAZARDS IDENTIFICATION

Toxicity Information: (See Effects of Acute Exposure to Product)

Effects of Acute Exposure: Excessive exposure may cause headache, nausea, dizziness and in extreme cases, unconsciousness, respiratory depression. Eye contact: Direct contact causes eye irritation. Frequent or prolonged contact may dry and irritate skin and cause a rash. Harmful if swallowed. Inhaling may cause mild irritation to the nose, throat and respiratory tract.

Effects of Chronic Exposure: Aspiration can be a hazard if this material is swallowed. Long term overexposure to solvents have been associated with lung, liver and kidney damage. Reports have associated repeated and prolonged overexposure to solvents with permanent brain damage and nervous system damage.

Irritancy of Product: Headache, nausea, dizziness, light headedness, staggering gait, giddiness. Irritation of eyes, skin, nose and throat. May cause dermatitis on prolonged contact in sensitive individuals.

Sensitization to Product: (See Effects of Acute Exposure to Product)

Carcinogenicity: (See Effects of Chronic Exposure to Product)

Reproductive Toxicity: (See Effects of Chronic Exposure to Product)

Teratogenicity: (See Effects of Chronic Exposure to Product)

Mutagenicity: (See Effects of Chronic Exposure to Product)

Toxicologically Synergistic Products: None known

WHMIS Hazard Class: B3 COMBUSTIBLE LIQUIDS, D2A VERY TOXIC MATERIALS, D2B TOXIC MATERIALS

VII. PREVENTATIVE MEASURES

Personal Protection

Eyes: Safety glasses.

Skin: Neoprene or nitrile gloves recommended.

Ventilation: General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits (or to the lowest feasible levels when limits have not been established) during the use of this product.

Engineering Controls: In case of insufficient ventilation, wear an organic vapor respirator.

Spill Procedures: Eliminate all sources of ignition. Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal.

Protection of Man and Environment: Follow Canadian and local regulations for disposal.

Handling Procedures and Equipment: Avoid breathing vapours. Keep away from sources of ignition and hot surfaces. Keep container closed when not in use. Store away from heat, sparks and open flame. Store at temperatures below 50°C.

Special Handling Information: Avoid prolonged breathing of vapor. Keep away from eyes. Avoid prolonged contact with skin. Do not smoke while using. Wash hands after use. Do not use for prolonged periods in confined area without adequate ventilation. Keep away from heat, sparks and open flame.

VIII. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.

Inhalation: Move to fresh air in case of accidental inhalation of vapours. If not breathing, give artificial respiration. Obtain medical attention.

Skin Contact: Wash off with soap and water. If skin irritation persists, call a physician. Discard contaminated shoes.

Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

IX. SHIPPING INFORMATION

Canadian Transportation of Dangerous Goods

Proper Shipping Name: Petroleum distillates, n.o.s. (May qualify as a Consumer Commodity or Limited Quantity. Refer to TDG regulations)

Hazard Class: Class 3, Packing Group III

UN/ID No: UN 1268

IATA

Proper Shipping Name: Consumer Commodity (Not more than 1 liter)

Class or Division: Class 9

UN/ID Number: ID 8000

IMDG

Proper Shipping: Petroleum Distillates, n.o.s., Limited Quantity

Hazard Class: Class 3 PGIII

UN Number: UN 1268

X. PREPARATION INFORMATION

Estimated HMIS Classification: HEALTH 2, FLAMMABILITY 2, PHYSICAL HAZARD 0

HMIS is a registered trademark of the National Paint and Coatings Assn.

Estimated NFPA Rating: HEALTH 2, FLAMMABILITY 2, REACTIVITY 0

Product Name: PC NOS OCTANE BOOSTER RACING
FORMULA 355 ML

Item No: 12012

X. PREPARATION INFORMATION

NFPA is a registered trademark of the National Fire Protection Assn.

Prepared By: Denise Boyd, Manager-Environmental, Health & Safety

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Company:

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